

**NOTES:**

1. All exposed cuts or sheared edges shall be rounded and free of burrs.
2. Rail posts shall be set normal to grade.
3. Lengths of rail bar shall be attached to a minimum of two rail posts.
4. Rail post anchoring nuts shall be tightened to a snug fit and given additional 1/8 turn.
5. Holes in posts for rail bar attachment may be field drilled. Holes shall be coated with an approved zinc-rich paint prior to erection.
6. This barrier is to be used only for speeds of 45 mph or less. For speeds greater than 45 mph, pedestrians should be protected by a separation traffic barrier.
7. A maximum of six - 4" and a minimum of two - 4" round openings for future utilities. Openings are to be sealed at ends and extended 8" minimum past end of sidewalk if not used. Duct forms are to be tied down. Round openings are to be a minimum of 1'-6" from face of sidewalk curb and a minimum of 6" from face of rail. See Standard Plan B14-3 for minimum spaces between conduits and for conduit details at joints.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**CALIFORNIA ST-40  
BRIDGE RAIL  
(SHEET 1 OF 2)**

NO SCALE

**B11-66**